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| **Cestodes** |  |  |  |  |  |  |  |
| *Transmitted by* ***Ingestion*** *causing* ***Intestinal*** *Infection* | | | | |  |  |  |
| Organism | Reservoir | Vector bitten by/ingested | Infecting Form | Key Sx | Eggs | Pictures | Treatments |
| Diphyllobothrium latum | Water flea (Crustacean) | Ingest Fish | Procoracoid larvae | GI Sxs; Low B12 = megaloblastic anemia | Operculated with knob on bottom | C:\Users\ccortes\Desktop\dlatum_egg.jpg | Prazyquantal |
| Dipylidium caninum | Dogs/cats | Ingest flea | Cysticercoid larvae | GI Sxs | Colorless Egg pack | C:\Users\ccortes\Desktop\Dipylidium_caninum_ovum_1.jpg |
| Taenia solium | Pigs | Eat meat | GI; sometimes appendicitis or cholangitis | Eggs with oncosphere & corona radiata shell | Taenia_eggA |
| Taenia sajinata | Cattle animals |  |
|  |  |  |  |  |  |  |  |
| *Transmitted by* ***Ingestion*** *causing* ***Tissue*** *Infection* | | | |  |  |  |  |
| Organism | Reservoir | Vector bitten by/ingested | Infecting Form | Key Sx | Eggs | Pictures | Treatments |
| Taenia solium | Pigs | Eat human fecal contaminated food | Embryonated eggs | Common = skin/skeletal muscle; rare = Neurological/ ocular; High IgE & Eosinophils; CT/MRI | Eggs not passed in feces | N/A | Surgery, seizure meds; anti-inflammatory meds |
| Echinococcus granulosa | Sheep/Dogs | Eat dog fecal contaminated food | Liver, lung, Eosinophilia & IgE; anaphylaxis from cyst rupture | Dx = Antibody detection; Tx = Sugery & Albendazole/ Mebendazole |